

Flood Control Project Maintenance
2010 Structure Summary Report
Overall Unit and Item Ratings

City of Sacramento

El Camino Avenue Bridge

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	M
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A

Magpie Creek Pumping Plant

Overall Unit Rating	Rated Item	Item Rating
N	Unit Not Rated	

Flood Control Project Maintenance**Unit Cover Sheet****2010 Structure Inspection Results****City of Sacramento**

Structure
El Camino Avenue Bridge

Structure Rating	A
Date of Inspection	8/11/2010
DWR Inspector	John Paasch
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		08/11/2010 08/11/2010	John Paasch

LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1			Structures	Photo Documentation			Inspector Comments: W. El Camino bridge is inspected as a structure because the bridge deck is below the design water surface elevation causing the wingwalls and guard railing to act as flood walls during high water events.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °	Y	1
2	0.00	0.00	Structures	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °	Y	2
3	0.00	0.00	Structures	Shoaling / Sedimentation		A	Inspector Comments: No visible shoaling or sedimentation present.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		3
4	0.00	0.00	Structures	Erosion / Bank Caving		A	Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the levee near the bridge.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		4
5	0.00	0.00	Structures	Revetments		A	Inspector Comments: Existing riprap protection is properly maintained and is undamaged.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		5
6	0.00	0.00	Structures	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		8
9	0.00	0.00	Structures	Metal Pipes		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		9
10	0.00	0.00	Structures	Trash Racks		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		10
11	0.00	0.00	Structures	Flap Gates		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		11
12	0.00	0.00	Structures	Sluice/Slide Gates		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		12
13	0.00	0.00	Structures	Electric Gate Operators		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		13
14	0.00	0.00	Structures	Manual Gate Operators		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		14

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		08/11/2010 08/11/2010	John Paasch

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
15	0.00	0.00	Structures	Concrete Surfaces		A	Inspector Comments: Negligible spalling, scaling or cracking.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °	Y	15
16	0.00	0.00	Structures	Concrete Tilting / Settlement		A	Inspector Comments: There are no significant areas of tilting, sliding or settlement that would endanger the integrity of the project.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °	Y	16
17	0.00	0.00	Structures	Concrete Foundations		M	Inspector Comments: Minor scouring around the piers and near the abutment on western abutment.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °	Y	17
18	0.00	0.00	Structures	Security Fencing		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		18
19	0.00	0.00	Structures	Closure Structures		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		19
20	0.00	0.00	Structures	Trash Rakes		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		20
21	0.00	0.00	Structures	Other Metallic Items		N		38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		21
22	0.00	0.00	Structures	Monolith Joints		A	Inspector Comments: The monolith joint material is in good condition.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		22
23	0.00	0.00	Structures	Safety		A	Inspector Comments: No unordinary hazardous conditions that might affect the operation of the structure exist.	38.611365 ° -121.466557 °	38.611365 ° -121.466557 °		23

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		08/11/2010 08/11/2010	John Paasch

Levee Mile Report Line	1
Start Levee Mile	
End Levee Mile	
Location	
Category	Structures
Item	Photo Documentation
West El Camino bridge crossing Natomas East Main Drainage Canal	
jpaasch_t_20100812_053.jpg	



Levee Mile Report Line	1
Start Levee Mile	
End Levee Mile	
Location	
Category	Structures
Item	Photo Documentation
Floodwall at north west end.	
jpaasch_t_20100812_062.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
Structure is free of obstructive vegetation.	
jpaasch_t_20100812_054.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		08/11/2010 08/11/2010	John Paasch

Levee Mile Report Line	15
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Concrete Surfaces
Hairline cracks on concrete floodwall surface.	
jpaasch_t_20100812_055.jpg	



Levee Mile Report Line	15
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Concrete Surfaces
Concrete surface damage does not effect structure reliability.	
jpaasch_t_20100812_056.jpg	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Concrete Tilting / Settlement
Flood wall at north west end remains in place.	
jpaasch_t_20100812_059.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
El Camino Avenue Bridge		08/11/2010 08/11/2010	John Paasch

Levee Mile Report Line	17
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Concrete Foundations
Photo of concrete piers and abutment.	
jpaasch_t_20100812_057.jpg	



Levee Mile Report Line	17
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Concrete Foundations
Photo of pier footing.	
jpaasch_t_20100812_058.jpg	



Levee Mile Report Line	17
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Concrete Foundations
Concrete foundation in good condition.	
jpaasch_t_20100812_061.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated

Flood Control Project Maintenance**Unit Cover Sheet****2010 Pumping Plant Inspection Results****City of Sacramento**

Pumping Plant
Magpie Creek Pumping Plant

Pumping Plant Rating	N
Date of Inspection	n/a
DWR Inspector	David Pesavento
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2010

City of Sacramento

Structure	Structure Length	Inspection Start/End	Inspector
Magpie Creek Pumping Plant		n/a	David Pesavento

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue No.
	Start	End						Start	End		
1			Structures	Photo Documentation		N	Inspector Comments: Due to resource limitations and lack of response from the maintaining agency this inspection was not able to be completed during the summer 2010 season.	°	°		1

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated